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Substitute for Form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/769,579
Filing Date	January 30, 2004
First named Inventor	James W. Schumm
Group Art Unit	1634
Examiner name	Goldberg, Jeanine Anne
Attorney Docket Number	016026-9238-US02

U.S. Patent Documents

Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
SG		5,599,666	Schumm et al.	2/4/1997
SG		2003/180724	Schumm et al.	9/25/2003

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
SG	WO	92/13101	Ingeny B.V.	8/6/1992		
SG	WO	92/13969	Baylor College of Medicine	8/20/1992		
SG	WO	92/21693	United States of America	12/10/1992		
SG	WO	94/03640	Government of the United States	2/17/1994		
SG	WO	97/39138	Promega Corporation	10/23/1997		

Examiner Signature	<i>J. Goldberg</i>	Date Considered	1/8/06
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.			
<i>JM</i>		ADAMSON, D. et al., "A Collection of Ordered Tetranucleotide-Repeat Markers from the Human Genome," <i>Am. J. Hunt. Genet.</i> 57:619-628			
		ANDERSEN, J.F. et al., "Further validation of a multiplex STR system for use in routine forensic identity testing," <i>Forensic Science International</i> (1996) 78:47-64			
		BEVER, R.A. et al., "Characterization of Five VNTR Loci by Hae III RFLP Analysis: Application to Paternity Testing," in <i>The Second International Symposium on Human Identification 1991</i> (1992) 103-128			
		BUDOWLE, B. et al., "Validation and Population Studies of the Loci LDLR, GYPA, HBGG, D7S8, and Gc (PM loci), and HLA-DQ a Using a Multiplex Amplification and Typing Procedure," <i>J. Forensic Sci.</i> (1995) 40(1):45-54			
		CHAMBERLAIN et al., "Multiplex PCR for the diagnosis of Duchenne muscular dystrophy," <i>PCR Protocols A Guide to Methods and Applications</i> (1990) 272-281			
		DE STEFANO, "Analysis of short tandem repeat locus on chromosome 19 (D19S253)," <i>Int. J. Legal Med.</i> (1996) 108:256-258			
		FUREDI, S. et al., "Hungarian Population Data on Six STR Loci-HUMVWA31, HUMTH01, HUMCSF1PO, HUMFES/FPS, HUMTPOX, and HUMHPRTB-derived using multiplex PCR amplification and manual typing," <i>Int. J. Legal Med.</i> (1996) 109:100-101			
		GERKEN et al., Genback Accession No. L16393 (May, 1993)			
		GILL, "Automated short tandem repeat (STR) analysis in forensic casework – a strategy for the future," <i>Electrophoresis</i> (1995) 16:1543-1552			

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QJ		JEFFREYS, A.J. et al., "Hypervariable 'minisatellite' regions in human DNA," (1985a) Nature 314:67-73			
		JEFFREYS, A.J. et al., "Individual-specific 'fingerprints' of human DNA," (1985b) Nature, 316:76-79			
		KIMPTON et al., "Validation of highly discriminating multiplex short tandem repeat amplification systems for individual identification," Electrophoresis (1996) 17:1283-1293			
		KWOH, D. Y. and KWOH, T.J., "Target amplification systems in nucleic acid-based diagnostic approaches," American Biotechnology Laboratory (1990) 14-25			
		LIN, Z. et al., "Multiplex genotype determination at a large number of gene loci," Proc. Natl. Acad. Sci. USA (1996) 93 (6):2582-2587			
		LINS et al., "Multiplex sets for the amplification of polymorphic short tandem repeat loci - silver stain and fluorescence detection," Biotechniques (1996) 20:882-889			
		MCKEOWN, B. et al., "Increasing the size of PCR products without redesigning primer building sequences", Nucleic Acids Research, (1995) 2337-2338			
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↓		MURRAY et al., Genback Accession No. G07948 (August 1995)			

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<i>JG</i>		MURRAY et al., Genback Accession No. G08051 (August 1995)			
		MURRAY et al., Genback Accession No. G08745 (August 1995)			
		MURRAY et al., Genback Accession No. G08343 (August 1995)			
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		OLDROYD et al., "A highly discriminating octoplex short tandem repeat polymerase chain reaction suitable for human individual identification," Electrophoresis (1995) 16:334-337			
		PRESLEY, L.A. et al., "The Implementation of the Polymerase Chain Reaction (PCR) HLA DQ Alpha Typing by the FBI Laboratory," in "The Third International Symposium on Human Identification 1992," (1993) 245-269			
		ROBERTSON, "Forensic applications of a rapid, sensitive, and precise multiplex analysis of the four short tandem repeat loci HUMVWF31/A, HUMTH01, HUMF13A1, and HUMFES/FPS," Electrophoresis (1995) 16:156-176			
		ROUSSELET, "French Caucasian population data obtained from fluorescently detected HumvWFA31/A and HumF13A01 short tandem repeat loci," Int. J. Legal Med. (1996) 109:5-9			
<i>↓</i>		ROUSSELET, "Multiplex amplification and the automated fluorescent typing of short tandem repeat (STR) loci: the French experience," Adv. Forens. Haemo. (1996) 6:139-141			

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<i>JG</i>		SAMBROOK, J. et al., In Molecular Cloning A Laboratory Manual, 2nd edition, Cold Spring Harbor Laboratory Press, (1989) 13.45-13.57
		WALKER, G.T. et al., "Isothermal in vitro amplification of DNA by a restriction enzyme/DNA polymerase system," Proc. Natl. Acad. Sci., U.S.A. (1992) 89:392-396
		WAYE, J.S. et al., "Sensitive and Specific Quantification of Human Genomic Deoxyribonucleic Acid (DNA) in Forensic Science Specimens: Casework Examples," J. Forensic Sci. (1991) 36(4):1198-1203
		WAYE, J.S. et al., "A simple and sensitive method for quantifying human genomic DNA in forensic specimen extracts," Biotechniques (1989) 7(8):852-855

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